

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:3481

ANSWERED ON:23.03.2017

Exploration of Non-Conventional Energy Sources

Kaswan Shri Rahul

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether the Union Government proposes to explore non-conventional energy sources on large scale to address the energy crisis in various States including Rajasthan;
- (b) if so, the details thereof, State-wise;
- (c) whether the Union Government has prepared any scheme to increase the renewable energy generation including the solar energy generation to address energy crisis in the country;
- (d) if so, the details thereof, State-wise along with the time by which the said scheme is likely to be implemented;
- (e) the details of the potential locations and the areas identified for this purpose along with the Status of the said proposal; and
- (f) the quantum of energy likely to be generated as a result of the new initiatives?

Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a) & (b): Yes Madam. The Ministry of New and Renewable Energy (MNRE) has set a target of 175 GW by 2022 to explore non-conventional energy on large scale from various renewable energy sources including the state of Rajasthan. So far, a total capacity of 50018 MW of Grid Interactive Renewable Power has been installed upto 31-12-2016 in the country from various renewable energy sources which include 9012.69 MW from Solar power, 28700.44 MW from Wind Power, 4333.85 MW from Small Hydro Power and 7971.02 MW from Biopower. The state-wise and source-wise achievement reported upto 31-12-2016 under various renewable energy sources is given in Annexure-I.

(c) & (d): The Government has initiated various schemes and programmes to increase the renewable energy in the country including solar energy. Brief details of the major schemes/programmes implemented by the Ministry of New and Renewable Energy are given in the Annexure-II.

The schemes / programmes are implemented all over the country depending upon the potential available in that area.

(e) & (f): The potential of renewable energy are available all over the country and resource specific renewable energy depends on the region and local conditions that vary widely. A potential of 1096 GW has been estimated from various renewable energy sources in the country.

The Source and state-wise detail of the potential available under various renewable energy sources i.e. Solar, Wind, Small Hydro Power and Biopower is given in Annexure-III.
